SBR No 53/21-22
DATED 16-12-21

EE/ELE/Y/BR No. 53/21-22

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Dt. 16-12-21

No. 4 Th Ra bill

Date.....2010

Division: **Electrical (yelahanka)** Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Job Code :-004-20-000014**

Schedule Docket No. Head of Account : P 0300 M&R to Street lights- Replacement of Burny bulbs etc

D.R.No. **: Period: 01-10-2021 to 30-11-2021 (for 2 months)**

Name of Work : *Operation and maintenance of Street Lighting system in Ward No 04 Package Y-04 of Yelahanka Zone"*

Name of Contractor and Full Address:**M/S. Nanjundeshwara Electricals**

Reference to Agreement No:EE/Ele/YLk/TEND/WO/000037/2020-21 Date:30/12/2020

Certified that the measurements were taken by me on 9/12/21 and recorded of Pages 207222 to 224 of measurement Book No. 2573/21-22 and that the work is satisfactorily executed.

SRI NANJUNDESHWARA ELECTRICALS

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 9/12/21 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele)
BBMP, Bangalore

Sub-Division Officer

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	4th RA = 560146=00
2)	Deduct amount to be held in reserve being .....percent Rs.....	I+I 1% 5601=00
3)	" Balance	Lwc 1% 5601=00
4)	Deduct Payment:	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	Sgst 1% 5601=00
	b) Payments Now made cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	Cgst 1% 5601=00
		CBFo1 560=00
		Fine 9000=00
		SIV 11203=00
5)	Balance being unpaid value of work done held in reserve.	Deduction=43167=00
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted	Bal 4=516979=00

For SRI NANJUNDESHWARA ELECTRICALS

Contractor's Signature

Proprietor

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands) (For use in the Office)

Witness

1.

2.

For SRI NANJUNDESHWARA ELECTRICALS

Stamp

Proprietor

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Executive Engineer

ಅನ್ವಯಿಸಿಕೆ P0300 M&R to street ligh

ರೂ: 560146=00 ಆಡಿಟ್ ಮಾಡಿ ಸ್ವೀಕರಿಸಿದೆ

ರೂ: 516979=00 ಚೆಕ್ ನೀಡಬಹುದಾಗಿದ

ರೂ: 43167=00 ಹೊಂದಾಣಿಕೆ ಮಾಡಿದೆ

ಲೆಕ್ಕ ಅಧೀಕ್ಷಕರು

ಕಾ.ಪಾ.ಅ.(ಆ) ಯಲಹಂಕ ವಲಯ

Sl. No.	Description of item	Unit
	Name of Work :-Operation and maintenance of Street Lighting system in Ward No 04 Package Y-04 of Yelahanka Zone"	
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and switching ON/OFF of street lights at specified timing and Pole numbering,Preparing ward wise , street wise data bank furnishing maintenance reports every day etc complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below	
	i) Poles with 36/40 W fluorescent tube light street lighting system	Nos
2	v) Poles with 250W HPSV light street lighting system	Nos
3	vii)Poles with 24 Watts LED Light street lighting system	
4	vii) Poles with 400 watts HPSV light street lighting system	Nos
5	viii) Poles with 65 Watts LED Light street lighting system	Nos
6	viii) Poles with 90 Watts LED Light street lighting system	Nos
7	Operation and maintenance of Manual and Automatic Timer Switching circuits including replacement of electrical gadgets, such as MCB's Contactors, Timer, Cut-outs, wiring connector and M.S. Box with proper insulation etc., complete.	Nos
8	B Work to be carried ut as per requirment & actuals and as per the directions of the in charge engineer Painting of existing Street lighting pole after scraping the oid paint and painted with suitable colour enamel/silver paint including copingflooting of the pole a) Upto 8 Mtrs light pole	Nos
9	Thiristor based single/ Three phase smart street light control and monitoring system Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field issues like line cross, line short, lighting and any other irregularities in voltage. It has some features like 1.Remote lighting management.2.Precise lighting turnoff.3.Load ballancing.4.Load power regulation.5.Status tracking. It works on the basis of some of these features 1) Main Control Unit(Mother board):Handles controlling,data handling and other communication process. 2) Communication unit: GSM/GPRS quad bandwith RS232 interface wireless communication unit 3) Gate Driver Unit: Firing angle controllable board for driving the thyristor 4) Switching Thyristor: SCR 110 AMPS dual thyristor modules for switching 5) Embedded Firmware: Firmware to control , handle , process the data and communicate it wirelessly.6) Metal Enclosure : IP66 weather prof metal enclosure.7) Transformers: Customized step down transformers for various purposes.8) Wiring and other device assembly components.	Nos
	TOTAL	
	Add GST 12 % on item no 8 & 9	
	TOTAL Rs	
	Fine imposed for non burning of street lights For the period of 1/4/2021 to30/4/2021	
	As per street light agreement clause 2% will be deducted in monthly maintenance bill against the released scrap material	
	GRAND TOTAL	

Certificate

The above said monthly maintenance work has been carried out satisfactorily

Assistant Executive Engineer (Ele)
BBMP, Bangalore

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
Upto Date paid so for 6 Months		For	2	Months	Upto Date paid so for 11 Months		
73x6 Months	37527.84	73	57.12	8339.52	73x11 Months	45867.36	
2594x6 Months	1983242.70	2594	84.95	440720.60	2594x11 Months	2423963.30	
1x6 Months	659.97	1	73.33	146.66	1x11 Months	806.63	
175x6 Months	146742.75	175	93.17	32609.50	175x11 Months	179352.25	
98x6 Months	84328.02	98	95.61	18739.56	98x11 Months	103067.58	
203x6 Months	209739.60	203	114.80	46608.80	203x11 Months	256348.40	
25x6 Months	58414.50	25	259.62	12981.00	25x11 Months	71395.50	
270	207900.00	0	770.00	0.00	0	207900.00	
0	0.00	0	51500.00	0.00	0	0.00	
	2728555.38			**560145.64**		**3288701.02**	
	24948.00			0.00		24948.00	
	2753503.38			**560145.64**		**3313649.02**	
	33600.00			9000.00		42600.00	
	54571.11			11202.91		65774.02	
	2665332.27			**539942.73**		**3205275.00**	